

Please amend the application as follows:

In the Specification

Please replace the paragraph at page 6, lines 13 through 26 with the following paragraph:

A1
A more detailed description of the present invention now follows. FIG. 1 generally depicts electron beam emitter 10. The exact design of electron beam emitter 10 may vary depending upon the application at hand. Typically, electron beam emitter 10 is similar to those described in U.S. Patent No. 6,407,492, issued June 18, 2002, and U.S. Patent Application Serial No. 09/209,024 filed December 10, 1998, the contents of which are incorporated herein by reference in their entirety. If desired, electron beam emitter 10 may have side openings on the filament housing as shown in FIG. 1 to flatten the high voltage electric field lines between the filaments 22a and the exit window 32 so that the electrons exit the filament housing 20a in a generally dispersed manner. In addition, support plate 30 may include angled openings 30a near the edges to allow electrons to pass through exit window at the edges at an outwardly directed angle, thereby allowing electrons of electron beam 15 to extend laterally beyond the sides of vacuum chamber 12. This allows multiple electron beam emitters 10 to be stacked side by side to provide wide continuous electron beam coverage.

Amendments to the specification are indicated in the attached "Marked Up Version of Amendments" (page i).

In the Claims

Please amend Claims 1, 12, 21 and 32. Amendments to the claims are indicated in the attached "Marked Up Version of Amendments" (pages i - ii).

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A2
1. (Amended) An exit window for an electron beam emitter through which electrons pass in an electron beam, the exit window comprising:
an exit window foil about 12 microns thick or less having an interior and an exterior surface; and